

FIGURE 1

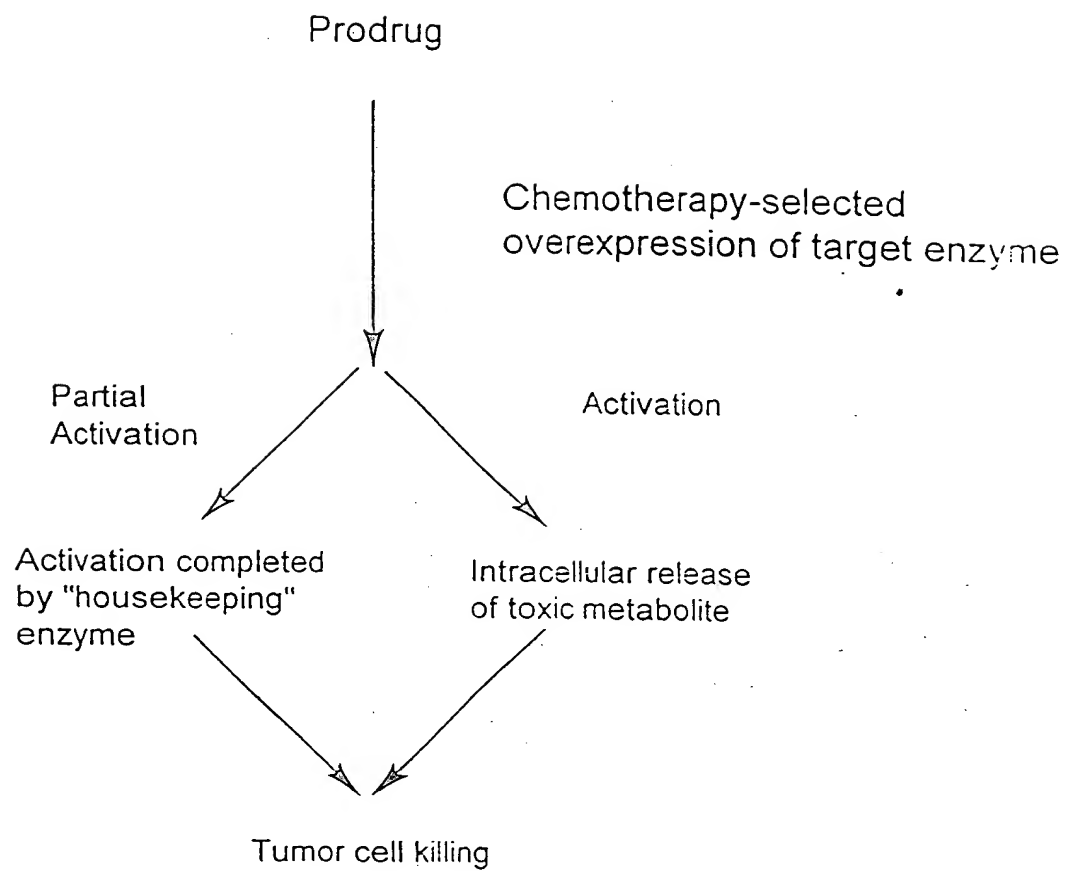


FIGURE 2

General Schematic of the High Throughput  
Screen of Novel Prodrug Including  
Anticancer Prodrugs

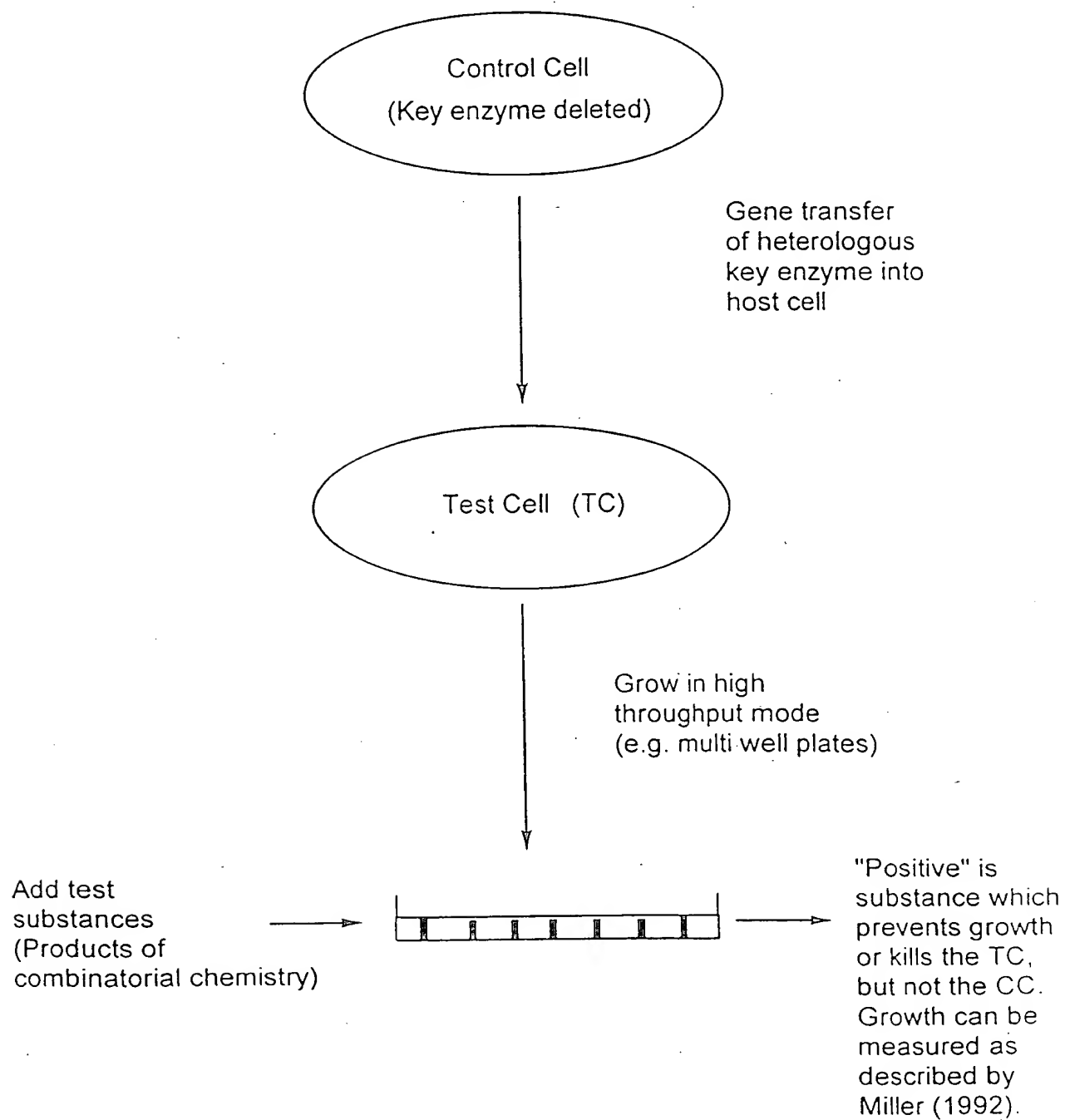


FIGURE 3

How to find a TS lead molecule: Design of the High Throughput Screen  
e.g., Using Thymidylate Synthase as the Target Enzyme

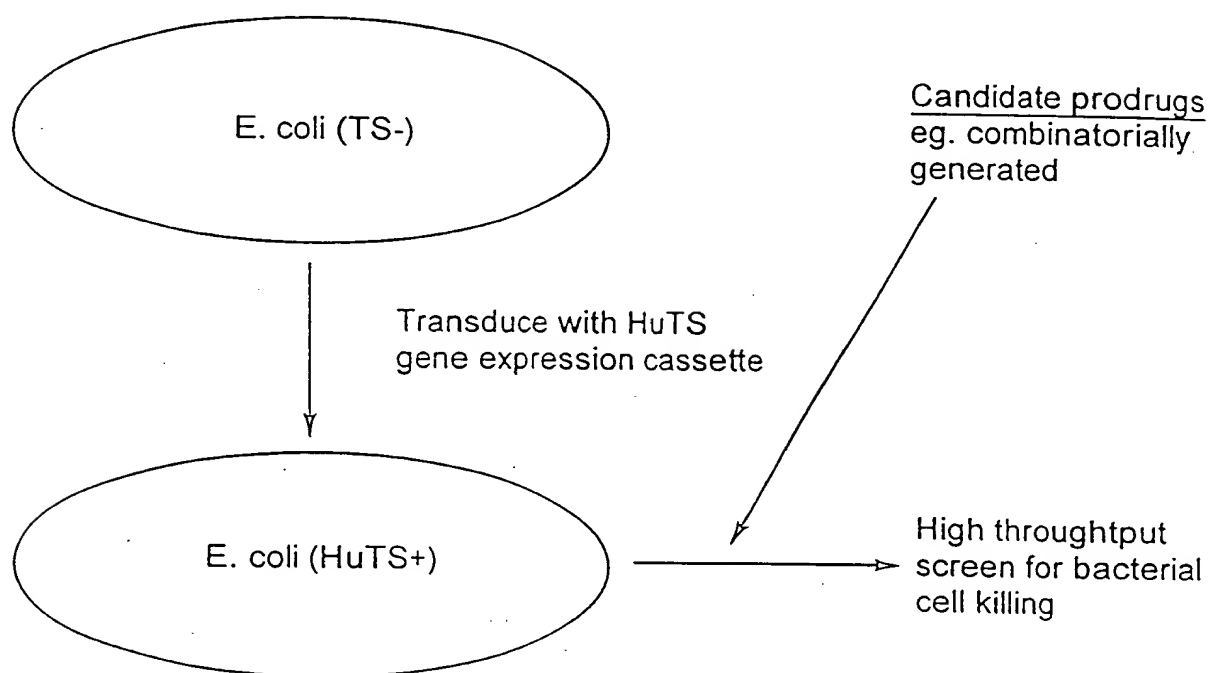


FIGURE 4

How to find a TS lead molecule: Replacement of two enzymes,  
e.g., Thymidylate Synthase (TS) and Thymidine Kinase (TK)

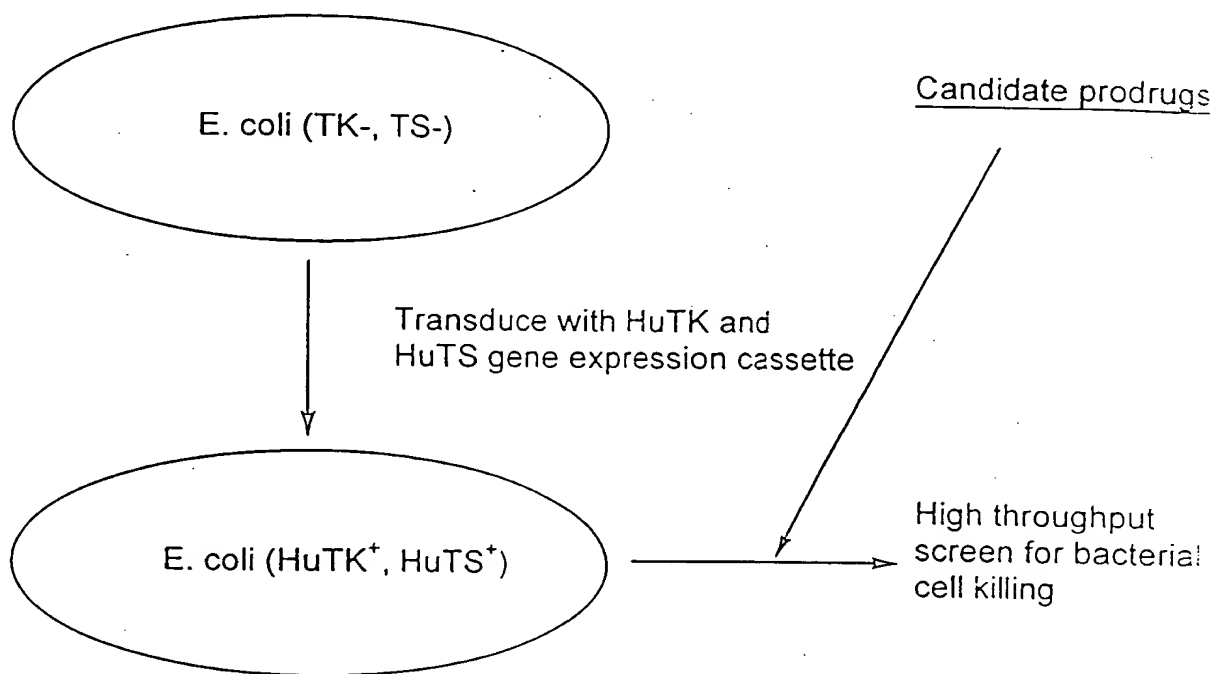
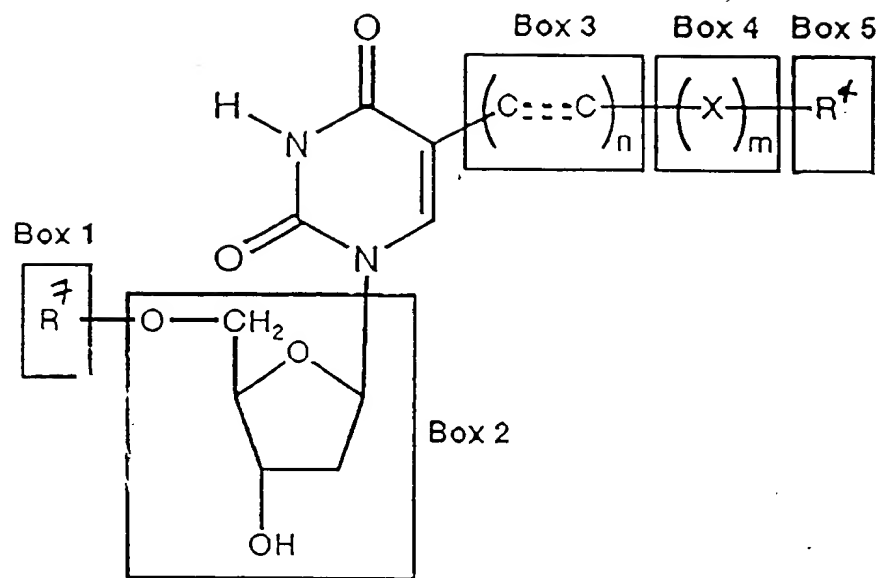


FIGURE 5



**FIGURE 6**

p36 T.S →

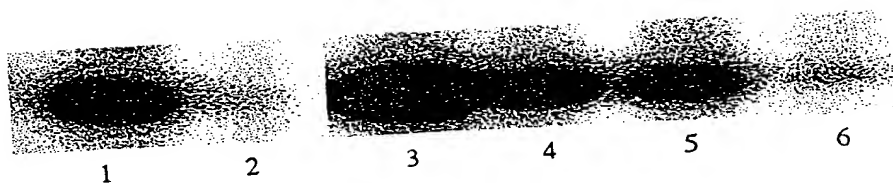


Fig. 7

Fig. 8

